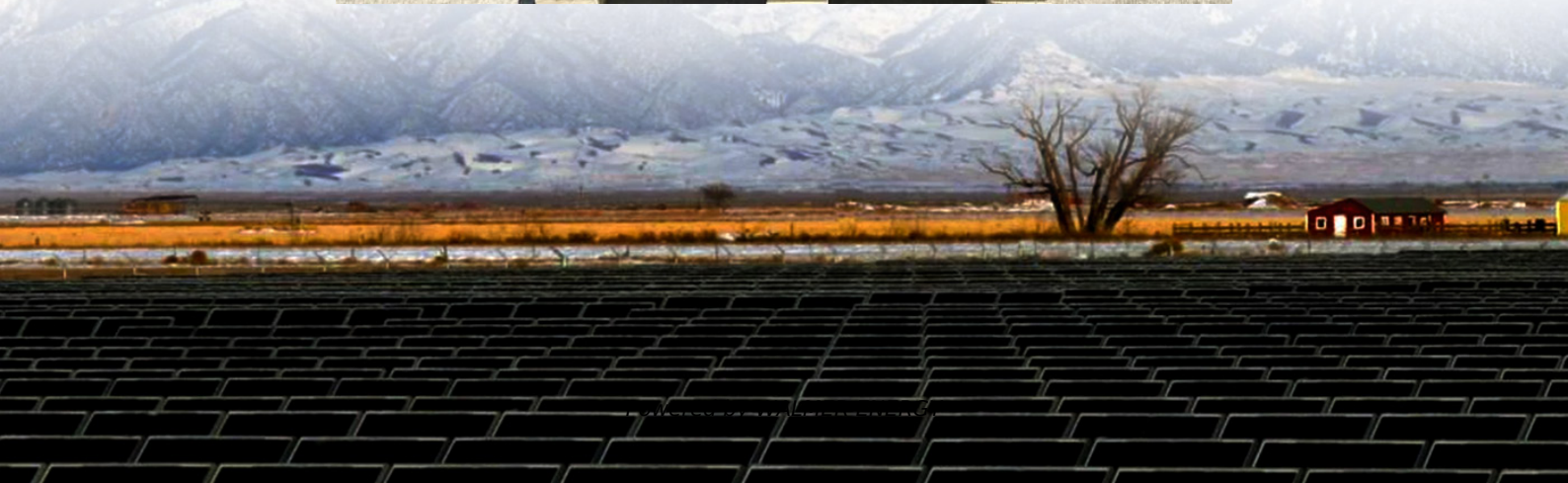


Electromagnetic safety standards for solar container communication stations





Overview

What standards should a ship earth station comply with?

The ship earth station should comply with the technical standard provided by the recognized mobile-satellite service provider and be certified by this provider for operation in the GMDSS, in order to ensure operational reliability.² The ship earth station should comply with ITU Radio Regulations.

What are European EMC standards?

European EMC standards (ENs) in particular, but also globally applicable IEC standards help to ensure the required level of compatibility in an electromagnetic environment.

How should a ship earth station comply with ITU Radio Regulations?

² The ship earth station should comply with ITU Radio Regulations.¹ The ship earth station should be capable of automatically recognizing the priority of ship-to-ship, ship-to-shore and shore-to-ship communications and should process them in accordance with the message priority defined by the ITU Radio Regulations.

Can a ship earth station send distress alerts/calls?

It should be possible to initiate transmission of distress alerts/calls whilst the ship earth station is transmitting lower priority communications, and whilst it is receiving communications of any priority, if necessary by pre-emption of those communications.



Electromagnetic safety standards for solar container communication

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6 EMC, EARTHING AND SCREENING

Feb 5, 2024 · 6.1 Electromagnetic Compatibility (EMC) 6.1.1 General All reasonable and practical steps should be taken to ensure EMC compatibility between the equipment concerned and ...

EN 301 843-6

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Annex



Feb 5, 2024 · 3.5 Reception of distress, urgency and safety alerts/calls .1 It should be possible for the ship earth station to receive distress, urgency and safety priority alerts/calls whilst it is ...

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